



Globe and Mail

**Barbara Ward,
Centennial Professor,
Lectures May 26
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MAY-JUNE 1967

STAFF

bulletin

UNIVERSITY OF TORONTO



Barbara Ward: Centennial Professor Will Be on Campus May 25 and 26

Barbara Ward will be a Centennial Professor at the University in May under the auspices of St. Michael's College, whose alumni gifts to the Varsity Fund are making the visit possible.

Miss Ward (officially Lady Jackson, wife of Sir Robert Jackson), economist, author, noted broadcaster and speaker, will hold an informal seminar, open to all interested staff and students of the University, on Thursday, the 25th, at 4 p.m. in the East Common Room of Elmsley Hall, St. Michael's College. Her only appearance before the general public (which of course includes the university community) will be in Convocation Hall on Friday, May 26, at 8.30 p.m. The subject of her lecture is "World Economic Pressures in the 70's — Steps Needed to Prevent Catastrophe."

Educated at the Lycée Molière and the Sorbonne, in Germany, and at Somerville College, Oxford, Miss Ward has been an editor of *The Economist*, a member of the Council of the Royal Institute of International Affairs, a governor of the B.B.C., Sadlers Wells and the Old Vic theatres. She is noted for the clarity with which she presents complex subjects to the public.

This will be Miss Ward's second visit to the University of Toronto. In March 1963 she gave two public lectures which attracted large audiences to Convocation Hall.

COMING EVENTS

MAY

1 MONDAY

Seminar	Institute for Aerospace Studies. "An Experimental Investigation of Nonequilibrium Corner Expansion Flows of Dissociated Oxygen". J. E. Drewry, Aerospace Research Laboratories, Wright Patterson Air Force Base, Dayton, Ohio. Main lecture room. 2 p.m.
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3 WEDNESDAY

Tours	10-to-One Tours. A choice of two tours, "Indians of Canada" or "English Furniture". Both start in the ROM main rotunda at 12.50 p.m.
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4 THURSDAY

Seminar	Institute for Aerospace Studies. "The Application of Implosion Wave Dynamics to a Hypervelocity Launcher". R. F. Flagg. Main lecture room. 2 p.m.
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8 MONDAY

- Colloquium Department of Computer Science. "Learning Machines and Men". Prof. N. Findler, Department of Mathematics, SUNY at Buffalo. Sponsored by the School of Graduate Studies. Room 134, New Physics Building. 4 p.m.
- Seminar Institute for Aerospace Studies. "An Attitude Control System to Constrain the Skin Temperature of a Manned Lifting Spacecraft During Reentry into the Earth's Atmosphere". J. H. Fine, Northern Electric, Ottawa. Main lecture room. 2 p.m.

9 TUESDAY

- Lecture First of the Division of University Extension's Shaw Festival Lectures. "The Permanence of George Bernard Shaw". President Claude Bissell. Concert Hall, Edward Johnson Building. 8.30 p.m. Tickets may be purchased from Extension Division, telephone 928-2393 or 2398, or at door.

10 WEDNESDAY

- Tours 10-to-One Tours. "Canadiana" at the Sigmund Samuel Canadiana Building, and a tour of the new "Hall of Fossil Invertebrates" at the ROM, starting in main rotunda. Both begin at 12.50 p.m.
- Music Glee Club "Pre-Expo Concert". Debates Room, Hart House. 8 p.m.
- Seminar Department of Anatomy. "Genes and Enzymes in Man". Dr. Harry Harris, Galton Professor of Human Genetics, University of London, England. Room 111, Anatomy Building. 4 p.m.

11 THURSDAY

- Lecture The Shaw Festival Lectures. "Major Barbara". Dr. Arnold Edinborough. Concert Hall, Edward Johnson Building. 8.30 p.m.

12 FRIDAY

- Music Faculty of Music Chamber Music concert. Concert Hall, Edward Johnson Building. 8.30 p.m. No tickets required.

16 TUESDAY

- Lecture The Shaw Festival Lectures. "The Circle". Brian Doherty. Concert Hall, Edward Johnson Building. 8.30 p.m.

17 WEDNESDAY

- Tours 10-to-One Tours. "Musical Instruments" and "Dinosaurs", both starting in the ROM main rotunda at 12.50 p.m.
- Lecture School of Graduate Studies, Department of Anatomy. Localization and Function of Mechanisms Producing Catecholamines and Related Substances". Dr. Bengt Falck, Department of Histology, University of Lund, Sweden. Room 111, Anatomy Building. 4 p.m.

18 THURSDAY

- Seminar School of Graduate Studies, Department of Anatomy. "Some New Aspects of the Autonomic Nervous System". Dr. Bengt Falck, University of Lund. Room 211, Anatomy Building. 4 p.m.
- Lecture The Shaw Festival Lectures. "Arms and the Man". Paxton Whitehead. Concert Hall, Edward Johnson Building. 8.30 p.m.

19 FRIDAY

- Supper Faculty Club buffet supper. 5.30 to 8.30 p.m.

23 TUESDAY

- Lecture First of four lectures in the Division of University Extension's Stratford Festival Lecture Series by Dr. Robertson Davies. "Richard III". Concert Hall, Edward Johnson Building. 8.30 p.m. Tickets may be purchased from the Division, 928-2393 or 2398, or at door.

24 WEDNESDAY

- Tours 10-to-One Tours. "Modesty to Mod" and "English Furniture" begin in the ROM main rotunda at 12.50 p.m.

25 THURSDAY

- Seminar Informal seminar open to students and staff with Barbara Ward, Centennial Professor. East Common Room, Elmsley Hall, St. Michael's College. 4 p.m.
- Lecture The Stratford Festival Lectures. "The Merry Wives of Windsor". Dr. Robertson Davies. Concert Hall, Edward Johnson Building. 8.30 p.m.

26 FRIDAY

- Lecture "World Economic Pressures in the 70's—Steps Needed to Prevent Catastrophe". Public Lecture by Barbara Ward. Convocation Hall. 8.30 p.m.

30 TUESDAY

- Lecture The Stratford Festival Lectures. "The Government Inspector". Dr. Robertson Davies. Concert Hall, Edward Johnson Building. 8.30 p.m.

31 WEDNESDAY

- Tours 10-to-One Tours. Two tours conclude the series: "Modesty to Mod" and "Chinese Arts". Both begin in the ROM main rotunda at 12.50 p.m.

JUNE

1 THURSDAY

- Lecture The Stratford Festival Lectures. "Antony and Cleopatra". Dr. Robertson Davies. Concert Hall, Edward Johnson Building. 8.30 p.m.

Exhibitions

Colour and Form Society exhibition. Hart House Art Gallery. May 2 to June 5.

Photographs by Kalen. An exhibition of 48 photographs by Henry Kalen of Winnipeg. ROM lower rotunda until May 14.

Discovery and Mapping of Upper Canada. A display of 50 maps showing exploration and surveying in Canada, going back almost 500 years. Sigmund Samuel Canadiana Building, 14 Queen's Park Crescent West. May 11 to December.

Stamps. A display of fancy stamp cancellations employed in Canada between 1870

and 1900. ROM lower rotunda. May 17 to June 21.

Modesty to Mod. This Centennial exhibition of costume will be on display in the ROM Exhibition Hall from May 17 to Sept. 4.

ROM Publications. A comprehensive exhibit of publications by staff members. ROM Armour Court. May 24 to June 18.

Colours and Patterns in the Animal Kingdom. 17 colour photographs and 14 other pictures and drawings. ROM lower rotunda. May 30 to June 11.

For Safety's Sake, Consult Safety and Security—928-2344

To ensure safety, security and protection from fire, members of the staff are urged to consult the Safety and Security Division in the first stages of planning any event which might change the normal use or occupancy of a university building, theatre, hall or room.

It does not matter how small the room may be—what's important is the use of it. If more than a dozen persons are to use the space, if students are involved, or if the space has been loaned or rented to an outside group, then Safety and Security should be told as soon as possible. The number to call is 928-2344.

Too frequently the division is not notified of an event to be held on campus, or is told too late to be of effective service. There was a costly fire in one major university building during the winter term. Safety and Security was not advised that a public function was being held there. When the assistant Fire Marshal inspected the building after the fire, he discovered that fire prevention and other safety regulations had not been observed. Only by chance did the division learn about the extensive nature of another

weekend event on campus which attracted hundreds of visitors. When the assistant Fire Marshal visited the building, virtually all of the "props", exhibits and lighting had been installed, without regard for the safety of lives and the protection of the building from fire. Last-minute changes had to be made to ensure common sense safety which had not occurred to the organizers.

On the other hand, the organizers of the China Teach-in last fall approached the Safety and Security Division early in their planning. They were advised what should be done for the protection of people and property, they carried out the recommendations, and the Teach-in took place without mishaps or fires.

Frank J. Hastie, Director of Physical Plant, points out that the Safety and Security Division has on its staff men who are fully conversant with the problems of fire, safety, security and radiation hazards, and hopes that anyone planning any event on or in university property other than normal teaching, research or study routine will be encouraged to make use of the assistance the division can offer.

DEADLINE: JUNE 15

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. Copy for the July-August issue must reach the editor (Room 225, Simcoe Hall, telephone 928-2102) *not later than June 15.*

Appointments

Administration

W. D. BOHM has become assistant director of Admissions. Before joining the staff of the Office of Admissions in February, 1966, Mr. Bohm worked for some years as assistant chief accountant at the Canadian Broadcasting Corporation, Toronto.

Arts and Science

ANTHONY K. WARDER has been appointed chairman of the Department of East Asian Studies. He came to the University in 1963 from the University of Edinburgh, where he headed the Department of Sanskrit, and has been a pioneer in his field in Britain and in Canada. Dr. Warder studied at the University of London, following wartime service, and took up his Edinburgh post in 1955. Among his publications is the first English-language textbook to teach Pali.

A. P. THORNTON has been appointed chairman of the Department of History, replacing J. M. S. CARELESS, who remains on the faculty as professor. Dr. Thornton came to Toronto in 1960 from University College of the West Indies, where he had been chairman of the History department and dean of the Faculty of Arts. A graduate of the University of Glasgow, and of Oxford, he held the Lectureship on Commonwealth History at the University of Aberdeen from 1950 to 1957.

N. C. FIELD has been appointed associate chairman of the Department of Geography.

W. T. SHARP has been appointed associate chairman of the Department of Mathematics.

N. W. BELL has been appointed professor in the Department of Sociology, and also associate professor in the Department of Psychiatry. A Toronto graduate, with a Ph.D. from Harvard, he has taught at Toronto, Boston University, Institute of Pastoral Care, Worcester, Mass. and Harvard Medical School. This year he is visiting professor of Sociology at the University of California, Berkeley.

ERCÜMEND KURAN, appointed associate professor (Islamic Studies) has held the same rank in the Middle East Technical University, Ankara, since 1962. Educated in Istanbul, with further study at the University of Goettingen, the School of Oriental and African Studies, London, and at Columbia, he has taught at the University of Istanbul and at Robert College.

The following assistant professors have been appointed:

W. M. HURLEY (Anthropology) was born in Milwaukee and educated at the University of Wisconsin, where he has been working for his Ph.D. He has had teaching experience at Wisconsin and also done considerable field work.

J. D. KAYE (Anthropology and Linguistic Studies) was born in New York, and educated at City College of New York, and at Columbia, where he is working towards his Ph.D. in South Amerindian languages. He has held posts at Lexington School for the Deaf, M.I.T., Columbia University, and with a publishing firm.

T. C. HUTCHINSON (Botany) comes from Newcastle University. He was educated at the University of Manchester, and worked for his Ph.D. at Sheffield University.

NOBUHIKO KOBAYASHI (East Asian Studies), educated at Kyoto University, obtained his Ph.D. degree in 1963, and has been working for his Ph.D. at Harvard. He has taught at the Osaka College of Foreign Languages, and at Kyoto University.

E. J. BARBEAU (Mathematics) is a Toronto graduate with his Ph.D. from the University of Newcastle-upon-Tyne. This year he is a NATO postdoctoral Fellow at Yale. He has taught at Toronto, Laurentian University, Newcastle, and from 1964-66 was at University of Western Ontario.

E. P. BOTTA (Mathematics) with degrees from University of British Columbia, and Ph.D. from the University of California, Santa Barbara, has been assistant professor, University of Michigan for two years.

P. G. NORTON, with B.Sc. and M.A. degrees from the University of British Columbia, has been working for his Ph.D. at University of Wisconsin.

EDUARD PRUGOVEČKI (Mathematics) was educated at the University of Zagreb, Yugoslavia, and at Princeton. He has held posts at the University of Alberta, where he is a postdoctoral Fellow this year, at Princeton and at the Institute Ruder Boskovic, Zagreb.

PETER L. J. RYALL (Mathematics) is a graduate of London and Cambridge Universities. He has been with the actuarial departments of the Confederation Life Association and Sun Life Assurance Company of Canada, and since 1963 has lectured in actuarial mathematics at the University of Waterloo.

RICHARD SUTHERLAND (Mathematics) is a graduate of Mount Allison University, with M.Sc. degree from Brown University. He has been working towards his Ph.D.

degree at Brown and at the University of California, Berkeley.

RAINER C. BAUM (Sociology) has B.S.F. and M.A. degrees from University of British Columbia, and has worked for his Ph.D. at Harvard, and has taught at both universities. His special fields of interest are Political Sociology, and Industrial Sociology and the Sociology of Organizations.

E. B. HARVEY (Sociology, and also at Ontario Institute for Studies in Education), is a graduate of University of British Columbia and has been working for his Ph.D. at Princeton. He has held posts with the British Columbia Pharmaceutical Association, the University of British Columbia, University of Western Ontario and at Princeton.

BARRY WELLMAN (Sociology, and also at the Clarke Institute of Psychiatry) was born in New York and educated at Lafayette College, and Harvard, where he is candidate for the Ph.D. in the Department of Social Relations.

YUEN-REN CHAO has been appointed visiting professor (East Asian Studies) for the period Oct. 15 to Nov. 15 next. Born in China, he is a graduate of Cornell and Harvard. He has taught at Cornell, Harvard, Tsing Hua University, Peking; the Oriental Institute of the University of Hawaii, Yale, and from 1947 to 1960 at the University of California, Berkeley.

M. S. MCPHAIL, visiting professor (Mathematics) next year, is a graduate of Queen's, McGill and Oxford Universities. He taught at Acadia University from 1937 to 1947 and since has been at Carleton, from 1963 as dean of the Faculty of Graduate Studies.

JOSEPH MARGOLIS, visiting professor (Philosophy) has been head of the Department of Philosophy at University of Western Ontario for the past two years. He taught at the University of Cincinnati from 1960 to 1964, and previously held posts at the University of South Carolina, Long Island University and the Cooper Union.

THOMAS LANGAN, also visiting professor in Philosophy, has been professor at Indiana University and chairman of the Department of Philosophy there since 1964. He has lectured at the Universities of Bonn and Nurnberg, and at the Universities of Warsaw and Krakow, on the invitation of the Polish Academy of Sciences, and at the Universidad del Salvador, Buenos Aires.

HIDENORI KITAGAWA, visiting associate professor (East Asian Studies) from July 15 next to January, 1968, has studied at Tokyo University, Yale, Harvard and Bhandarkar Oriental Research Institute, and has his

D.Litt. degree from Nagoya University. He has taught Indian Philosophy at Nagoya University, Japan, since 1954.

BERESFORD N. PARLETT, visiting associate professor (Mathematics) from July to December, is a graduate of New College, Oxford, and of Stanford University. He has taught at the English School of Paris, the Courant Institute, Argonne National Laboratory and the Stevens Institute, and since 1965 at the University of California, Berkeley.

Trinity College

The Provost has announced the appointment of the REV. JOHN C. HURD as professor in the Faculty of Divinity, effective July 1. Dr. Hurd is at present professor of New Testament at the Episcopal Theological Seminary of the Southwest in Austin, Texas. He graduated from Harvard in 1949 and from the Episcopal Theological Seminary in Cambridge, Mass. in 1952; he received his Ph.D. degree from Yale University in 1961. Dr. Hurd is the author of several books on the New Testament and is the editor of *The Anglican Theological Review*.

PROF. CECIL LEWIS is retiring as professor and head of the Department of German at the end of June. He will continue to teach part-time next year as a special lecturer.

Erindale College

DAVID H. WATKINSON has been appointed assistant professor in the College and also in the Department of Geology. He did his undergraduate work and earned his M.Sc. at McMaster University, and received his Ph.D. from Pennsylvania State University. For the past two years he has been on the Ontario Research Foundation staff.

Medicine

ROBIN C. A. HUNTER will become professor and chairman of the Department of Psychiatry on July 1 next. He is now professor and head of the same department in Queen's University.

A. B. STOKES will continue as professor of Psychiatry on completion of sabbatical leave.

Dr. Hunter was born in Jamaica. He served with the RCAF in the European theatre, 1940-45, and at the same time also took extramural courses at London University. In 1950 he earned his M.D., C.M. at McGill University, and the McGill University-Wood Gold Medal. After internship in the Royal Victoria and Allen Memorial Hospitals, he returned to Britain and was

registrar in Maudsley Hospital, the University of London's psychiatric institute, and studied in the London Institute of Psychoanalysis.

In 1955 Dr. Hunter rejoined McGill and the Royal Victoria Hospital staffs. In 1962 he was appointed psychiatrist-in-charge, McGill University Student Mental Health Service, and the following year joined that university's Committee on Medical Undergraduate Curriculum. He became head of Psychiatry at Queen's in 1964.

J. S. SPEAKMAN (Ophthalmology) has been promoted to associate professor.

Law

RONALD ST. JOHN MACDONALD has been appointed dean of the Faculty of Law, succeeding C. A. Wright who died suddenly April 24.

Dr. Macdonald has degrees from Dalhousie, University of London and Harvard. He joined the Toronto staff in 1961 after four years at Osgoode Hall Law School and two years as professor of Law at University of Western Ontario.

Prof. Macdonald has twice been a Canadian delegate to United Nations, and was vice-chairman of the third committee of the General Assembly. He is a member of the Canadian executive, International Law Association, a member of the national UNICEF committee, is on the national council, Canadian Institute of International Affairs, and serves on the advisory board, Alcoholism and Narcotic Drug Foundation.

Earlier service included two years as consultant to the legal division, Department of External Affairs, and a term as visiting professor of International Law at University of Mexico.

He has been assistant editor of *Ontario Law Reports* and since joining this faculty has edited the *U of T Law Journal*.

Faculty of Music

The Faculty's annual summer training course for teachers in Carl Orff's "Music for Children" continues into 1967, and in addition to local staff, the Faculty is importing MISS TRAUDE SCHRATTENECKER from the Orff Institute in Salzburg, Austria, to teach creative movement, and DANIEL HELLDÉN from Stockholm, to do practice teaching.

MISS DOREEN HALL has been appointed director of Orff Studies for the summer session.

Graduate Studies

A. M. FALLIS has been appointed associate dean (Division IV) of the School of Graduate Studies. Dr. Fallis is a professor of Parasitology, School of Hygiene.

V. E. GRAHAM has been appointed associate dean (Division I). He will relinquish his duties as chairman of the Graduate Department of French, University College.

R. B. PARKER, of the Department of English, Trinity College, has been appointed director of the Centre for the Study of the Drama. He will continue as professor of English at Trinity.

DOUGLAS C. HARTLE, professor, Department of Political Economy, has been appointed director of the Institute for the Quantitative Analysis of Social and Econo-
mical Policy.

In July, HANS EICHNER, chairman of the Department of German at Queen's University, Kingston, will join the staff of the German Department, University College, and become chairman of the Graduate Department of German. Prof. Eichner obtained his B.A. and Ph.D. degrees at the University of London. After a few years as lecturer at Bedford College, University of London, he came to Queen's in 1948. Prof. Eichner is well known as the editor of Friedrich Schlegel's literary notebooks and as co-editor of the critical edition of Friedrich Schlegel. A book on Thomas Mann and essays on other modern authors have won him wide acclaim and established him as one of the leading historians and critics in the field of German Literature.

Athletics and Physical Education — Women

MISS ANNE HEWETT has been appointed acting director of the Department of Athletics and Physical Education—Women.

Business

J. D. KYLE, appointed associate professor, held the same rank at the University of Alberta, 1959–1964. Since 1960 he has been instructor at Banff School of Advanced Management. Previously he was with MacMillan, Bloedel and Powell River and with Canadian Pacific Airlines; in 1964–65 with Eaton's of Canada, Western Division as management development co-ordinator; and in 1965 was supervisor of manpower planning, Bank of Nova Scotia. Prof. Kyle was educated at Canadian Service College, Royal Roads, B.C., University of British Columbia and University of Western Ontario.

Royal Conservatory of Music

The Conservatory's Summer School has announced the appointment of Miss MAUREEN FORRESTER to teach Master Classes in Voice and Mr. PIERRE SOUVAIRAN for Master Classes in Piano. Both will present solo recitals during the summer session of July 3 to 21.

Bio-Medical Electronics

HANS KUNOV, recently appointed assistant professor in the Department of Electrical Engineering, is also a part-time member of the Institute of Bio-Medical Electronics. A graduate of the Technical University of Denmark, he has been active in bio-engineering in the United States and Denmark.

NOTES

Administration

DR. CLAUDE BISSELL will be spending the next academic year at Harvard University where he will inaugurate a new professorship in Canadian Studies. DR. HENRY BORDEN, Chairman of the U of T Board stated that he and his fellow Governors had agreed to the President's absence for a year "as a University of Toronto centennial contribution to the stimulation of better understanding of Canada in the United States". At a dinner attended by Prime Minister Pearson in Ottawa April 12, DR. NATHAN PUSEY, President of Harvard, expressed his university's warm appreciation for the President's acceptance. In the following letter to the staff, also dated April 12, Dr. Bissell described the administrative arrangements that would be in effect during his absence:

"I am writing to explain the arrangements that will be made in the central academic administration during my absence. I shall be going to Harvard late in the summer in order to prepare for my teaching duties, and I shall return to Toronto at the conclusion of the academic year at Harvard. I am grateful to the Board of Governors for making it possible for me to accept this appointment.

"During my absence there will be a rearrangement of administrative duties. The Provost will retain his present responsibilities. In addition, the Provost will serve as Chairman of the Senate and of the Council of the Faculty of Arts and Science. He will also be Chairman of the President's Council. Mr. Sword will leave the Provost's Office during the year. He will have the general responsibility for presenting academic recommendations to the Board of Governors, and he will represent the University of Toronto on various provincial and federal committees. Five divisions of the University will report directly to him—the Library, the Graduate School, the Museum, Scarborough College and Erindale College. During this period

he will have the title of Acting President.

"Mr. Forster will retain his present duties as Executive Assistant to the President, and in addition will become Vice-Provost. As in the past the academic divisions of the University, other than the Library, the Graduate School, the Museum, Scarborough College and Erindale College, will consult with and report to the Provost's Office. Administrative details will be provided to the various divisions of the University at a later date.

"Mr. Robin Ross, on his return to the University from his leave of absence in Ottawa as Special Consultant on Higher Education, will resume his former responsibilities, which include general direction of the Office of Admissions, the Office of Statistics and Records, the Office of Student Awards, the Advisory Bureau, the Placement Service, the Housing Service, the Health Service and the International Student Centre. In addition he will have a general concern with housing and residential policy, and he will serve as Chairman of a policy committee for Erindale and Scarborough Colleges. Mr. Ross will be appointed Vice-President and Registrar. Dr. Gilbert Robinson and Dr. John Hamilton will continue their present responsibilities. Professor Ireton will be leaving the University in September, and his place will be taken by Mr. Dickinson, who has been Registrar of Scarborough College. Mr. Dickinson will be given an appointment as Assistant to the President, and will have general responsibility for ceremonials, conferences, and arrangements for distinguished visitors. Dr. Carl Williams, as you know, will be leaving to assume the Presidency of the University of Western Ontario, and a Committee under the chairmanship of the Provost is now looking for a successor to him as Principal of Erindale College.

"In recent years decisions made on the Federal and Provincial level have had an

immediate significance for the University. Accordingly, I am asking Mr. Ross to serve as special adviser on Federal affairs and Dean Sirluck to serve as special adviser on Provincial affairs.

"These officers will meet frequently to co-ordinate policy. They will depend on decisions reached in divisional councils and in special committees appointed to consider specific problems. I am confident that these arrangements will be effective and will enable the University to maintain its forward momentum. I know that you will give my colleagues the kind of warm support and advice that I have always received."

The President's Council

The President's Council has had several meetings with student representatives present. At the last of these the following motions were passed:

THAT the President's Council advise the President to establish a presidential committee to examine the whole structure of the University.

THAT the Council suggest to the President that he invite the Senate to examine its composition and structure to see if there are changes that it might desire to make effective for the next quadrennium.

THAT in the opinion of this Council the inclusion of students as members of the Senate and its committees would be desirable.

The Council also recommended an alteration in the preamble of the document entitled *Academic Tenure*, but agreed that this recommendation should not be taken to the Board of Governors until a further recommendation expected from the Faculty of Medicine had been received.

Writer-in-Residence

DR. EARLE BIRNEY was visiting professor at Lakehead University, and at the University of New Brunswick during February. In March, as visiting writer, he participated in Second Century Week (Canadian Union of Students) at the University of Alberta, Edmonton. He read and lectured on poetry at Simon Fraser University, and at Centennial College, Scarborough. He also attended the Canada Council meeting with Canadian writers in Vancouver. In April Dr. Birney spent two days at Trent University, reading poetry.

Centennial Professor

DR. W. E. SWINTON, Centennial Professor, gave the Annual Museum Lecture at the

University of Colorado on Feb. 22. He also conducted a seminar in Museology and gave a lecture in the Department of Geology. On March 10 he gave a public lecture on Evolution in the Art Gallery, Allentown, Pennsylvania and, on the following morning, a special lecture on Dinosaurs for children. Dr. Swinton visited Charlottetown, P.E.I. and gave the first Centennial Lecture at Prince of Wales College, on "Canada's Contribution to the Evolution of the Vertebrates", on March 20. He also had a seminar on Evolution and gave a lecture to 500 High School pupils.

Arts and Science

DEAN A. D. ALLEN gave a lecture entitled "Compounds of the Transition Metals Containing Molecular Nitrogen" to the Wellington-Waterloo section of the Chemical Institute of Canada on March 7.

PROF. K. W. JOY presented a seminar entitled "Nitrite Reductase, and Nitrate Assimilation by Plants" to the Biology Department of McMaster University, on March 3.

PROF. L. M. DORFMAN's invited lectures during April and May include: New York University, "Electrons and Molecular Ions in Organic Liquids" on April 28; Purdue University, Lafayette, Ind., "Reactive Forms of Hydrogen and Oxygen in Irradiated Water" on May 3; University of Minnesota, Symposium on Photochemistry honouring Prof. R. Livingston, "Kinetics of Aromatic Anion Radicals in Protonic Liquids" on May 8. Prof. Dorfman presented a seminar to the New York Section, American Chemical Society, at Hofstra University on March 15. The topic was "Electrons, Molecular Ions and Electron Transfer Reactions in Organic Liquids".

PROF. A. G. HARRISON visited the Eastern Research Laboratories, Dow Chemical Co., Wayland, Man. on Feb. 23 and gave a seminar on "Ion-Molecule Reactions at Thermal Energies".

PROF. J. B. JONES visited Queen's University on March 7 and gave a lecture entitled "Some Chemical Studies Related to Steroid Metabolism".

PROF. S. MCLEAN lectured on "Some Aspects of Cyclopentadiene Chemistry" on March 23 at Harvard.

PROF. J. C. POLANYI spoke on "Energy Distribution Among Reaction Products" at York University on March 10; Chicago University on May 1; Northwestern University, Chicago on May 2; Brookhaven National Laboratory, Long Island, N.Y. on May 3

and New England Institute, Conn. on May 4.

PROF. PETER YATES lectured on "Some Recent Contributions to Organic Photochemistry" to the Toronto Section of the Canadian Institute of Canada on March 28. He attended the National Meeting of the American Chemical Society in Miami Beach on April 9-12, when he was appointed editor-in-chief of *Organic Syntheses* for 1967/68. On April 13 he gave a series of three lectures at the Union Carbide Corporation, Bound Brook, N.J., on "Photochemical Reactions of Ketons", "Reactions of α -Diazo Ketones", and "Reactions in Concentrated Sulfuric Acid".

Colloquia have been given in the Department of Chemistry by the following recent visitors: DR. LEWIS J. BRUBACHER, National Research Council; DR. F. A. BOVEY, Bell Telephone Laboratories, Murray Hill, N.J., and PROF. L. J. HAYNES, University of the West Indies (Visiting Professor, University of Toronto).

Colloquia have also been given in the Department of Chemistry under the auspices of the School of Graduate Studies, by the following recent visitors: DR. DAVID A. MICHA, University of Wisconsin; PROF. E. WARNHOFF, University of Western Ontario and PROF. F. H. WESTHEIMER, Harvard University; PROF. R. HOFFMANN, Cornell University; PROF. G. WILKINSON, Imperial College of Science and Technology, London; PROF. P. E. EATON, University of Chicago; DR. SIMONS, University of Birmingham, England; DR. M. P. HARTSHORN, University of Canterbury, N.Z.; PROF. C. R. MUELLER, University of Indiana; PROF. R. W. DOUGLAS, University of Sheffield, England; DR. R. M. HEXTER, Mellon Institute, Pittsburg; and PROF. SIR EWART JONES, Oxford University.

PROF. W. A. C. H. DOBSON took part in the Ninth Annual Meeting of the Canadian National Commission for UNESCO on March 10-11, in Toronto. He also attended meetings of the Board of Overseers of Harvard College, Visiting Committee on East Asian Civilization, on March 27-28. Prof. Dobson was visiting professor at El Colegio de México during April. He gave four public lectures and conducted a seminar.

PROF. B. K. MATILAL gave a paper on "Dinnāga's Remark on the Concept of *Anumeya* and a Later Interpretation by Vardhamāna" at the American Oriental Society meeting, New Haven, Conn.

PROF. I. J. McMULLEN gave a paper on "Confucianism and Forestry in Seventeenth Century Japan" at the American Oriental Society meeting in New Haven.

PROF. T. VENKATACHARYA gave a paper on "The *nyttahastas* in the *Nāṭyaśāstra*" at the American Oriental Society meeting.

PROF. K. TSURUTA gave a paper on "The Blackwidow Figure in Akutagawa Ryūnosuke" at the 19th Annual Meeting of the Association for Asian Studies, Chicago, March 20.

PROF. M. UEDA gave a paper on "The Haiku and the Language of Japanese Poetry" at the 19th Annual Meeting of the Association for Asian Studies in Chicago.

Members of the Department of East Asian Studies who attended the annual meeting of the American Oriental Society in New Haven were: PROF. A. K. WARDER, PROF. M. HATTORI, PROF. H. SADDHATISSA, PROF. N. WAGLE and P. BANDYOPADHYAY.

East Asian Studies faculty who attended the 19th Annual Meeting of the Association for Asian Studies included J. BROWNLEE, R. CHU, and Miss C. STEVENS.

DR. TI-FU TUAN has won a Guggenheim Fellowship for studies of American and Australian attitudes towards dry lands.

Several members of the Department of Italian and Hispanic Studies attended the winter meeting of the Ontario Chapter of the American Association of Teachers of Spanish and Portuguese, held at McMaster University on Feb. 25. PROF. EVELYN RUGG attended as secretary-treasurer of the Chapter.

PROF. KURT LEVY has been appointed chairman of the Committee on Co-operation with Latin America of the Association of Universities and Colleges of Canada.

PROF. DIEGO MARÍN read a paper on "García Lorca: el hombre en su obra" to the Spanish Canadian Democratic Association in Toronto on Feb. 19.

PROF. ERICH VON RICHTHOFEN presided at the inaugural meeting of the Chestnut Hill Mediaeval Guild, held at Boston College on Feb. 25.

PROF. J. S. M. HARVEY visited the National Research Council on March 3 and gave a seminar on "Current Status of Atomic Hyperfine Structure".

PROF. K. G. McNEILL visited Queen's University on Feb. 15 and gave two seminars, one on "The Linac Laboratory" and the other on "Work on the Toronto Linac". He also visited the University of Windsor on March 15 and gave a lecture on "Experiments with the Toronto Linac".

PROF. J. W. MOFFAT gave a colloquium entitled "Symmetries and Fundamental Particles" at Carleton University on March 20.

DR. A. N. ORAEVSKIY of the Lebedev

Institute, Moscow, visited the Department of Physics from Feb. 6 to 28 and gave several lectures on selected topics in laser research.

PROF. J. D. PRENTICE gave a seminar in the Physics Department of the Université de Montreal on "Experimental Elementary Particle Physics" on Jan. 27.

PROF. J. VAN KRANENDONK gave a colloquium at N.R.C. in Ottawa on Feb. 28 entitled "Theory of Spin-lattice Relaxation".

PROF. H. L. WELSH spent most of January in India attending the International Spectroscopy Symposium at Bombay and a symposium on Millimetre and Sub-millimetre Wave Spectroscopy in Delhi. He also spent some time at the Indian Institute of Science at Bangalore and in smaller colleges in South India. He lectured on various aspects of pressure induced infrared absorption, infrared and Raman spectrum of solid hydrogen, and Raman spectroscopy of gases.

PROF. J. T. WILSON has been elected a foreign member of the Geological Society of London. He has been re-elected honorary president of the Ontario Science Teachers Association. On March 27 he addressed the plenary session of the annual meeting of the Canadian Institute of Mining and Metallurgy on the subject "A Revolution in Earth Science". On March 30 he addressed a meeting of the Science Faculty of the University of Victoria on the subject "Continental Drift", and on March 31 a Humanities and Science symposium on "Revolutionary Changes in Geology and Planetary Science".

PROF. D. YORK has been appointed chairman of the N.R.C. sub-committee on Isotope Studies and Geochronology and has been made a member of the N.R.C. Associate Committee on Geodesy and Geophysics. He will be an official Canadian delegate to the General Assembly on the International Union of Geodesy and Geophysics to be held in Switzerland, Sept. 25 to October 7, 1967.

In the Department of Physics, seminars were recently given by the following visitors: DR. R. D. MOUNTAIN, National Bureau of Standards, Gaithersburg; PROF. J. KORRINGA, Ohio State University; DR. P. L. TAYLOR, Case Institute of Technology; DR. B. KEHOE, University of Maryland; DR. P. P. M. MEINCKE, Bell Telephone Laboratories; PROF. C. O. HINES, University of Chicago; DR. E. K. WARBURTON, Brookhaven National Laboratory; DR. Z. SUJKOWSKI, McMaster University; DR. A. GARFINKLE, University of Wisconsin; DR. G. KARL, Oxford University; PROF. L. S. BROWN, Yale University; DR. S. MIKAMO,

University of Wisconsin; DR. R. E. KREPS, University of Pittsburgh; DR. A. KERNAN, Stanford Linear Accelerator Centre; DR. C. Y. CHANG, Syracuse University; DR. R. K. LOGAN, University of Illinois; PROF. J. WEBER, University of Maryland; DR. J. PLIVA, Czechoslovakian Academy of Science; PROF. A. T. STEWART, University of North Carolina; DR. M. HALPERN, Institute for Advanced Study, Princeton; DR. P. D. LOLY, University of Alberta; DR. J. T. HOUGHTON, Oxford University.

PROF. V. W. BLADEN gave a lecture on "University Finances" in the "Second Century" program at the University of Alberta on March 10. He also spoke at Queen's University in a symposium on "Higher Education: The Fortunate Few" on March 11.

PROF. R. C. PRATT has been appointed consultant to the Asia and Africa Program of the Ford Foundation.

PROF. C. B. MACPHERSON will spend next academic year at Churchill College, Cambridge, where he has been granted a research fellowship. He plans to start on a book which will be on the theme of his last large work, *The Political Theory of Possessive Individualism*. One of his major responsibilities this year has been the chairmanship of the Presidential Advisory Committee appointed to study all aspects of undergraduate instruction in the Faculty of Arts and Science. The report of this committee will be presented before June 30.

PROF. JAMES EAYRS has won a \$7,500 Guggenheim Fellowship. He will devote next year to the completion of Vol. III of his work in progress, *In Defence of Canada*.

PROF. D. EVANS gave an address on "Situation Ethics" to the Commission on Faith and Order, Canadian Council of Churches.

PROF. K. B. FEUER presented a paper, "The Idea of Spiritual Freedom in Tolstoy and Stendhal" at the meeting of the American Association for the Advancement of Slavic Studies in Washington, March 30-April 1. F. B. JOHNSON, G. KRUBERG, and C. V. PONOMAREFF also attended.

C. V. Ponomareff read a paper entitled "Viadimir Majakovsky as a Representative Futurist Poet" to a poetry seminar at the University of Waterloo's Department of German and Russian on March 27.

PROF. H. L. ATWOOD spoke on "Crustacean Neuromuscular Systems" at the Biology Colloquium at Harvard University, March 3.

PROF. J. J. B. SMITH gave a seminar entitled "Hearing in salamanders" in the

Department of Biology, McMaster University, Feb. 10.

University College

On Feb. 16 PROF. D. V. LEFAN delivered a public lecture at Queens' University on the Chancellor Dunning Trust, entitled "Responsibility and Revolt".

PROF. W. J. N. RUDD gave three seminars in Yale, in April, on "Ovid and the Augustan Myth" and on "Coherence in Horatian Lyric". He also received an invitation to lecture in Cambridge and London in the 1967-1968 session under the auspices of the British Consul.

PROF. G. V. SUMNER gave a Loeb Memorial Lecture at Harvard, on April 20, entitled "Politics and Propaganda in the Historian Velleius Paterculus". He has accepted an invitation to lecture in Oxford and London in the 1967-1968 session under the auspices of the British Consul.

PROF. P. G. WALSH gave a lecture at the Hellenic Center in Washington, on April 11, on "The Greek Romances and Apuleius".

PROF. A. E. SAMUEL gave a seminar in Harvard, in April, on "The Growth of Bureaucracy in Antiquity".

On Feb. 21 PROF. CLIFFORD LEECH lectured to the Department of English, Laurentian University, on "Shakespeare and the Idea of Locality"; to the Extension Division on "The Servants Will Do That For Us: The Poet's Withdrawal from the World"; and to the Humanities Association, also at Laurentian, on "Faustus and the Idea of Damnation".

PROF. V. E. GRAHAM took part in Operation Retrieval sponsored by the Association of Universities and Colleges of Canada and the Department of Manpower and Immigration, visiting between Feb. 6 and Feb. 19 Michigan State University, The University of Michigan, Wayne State University, The University of Pennsylvania, The State University of New York at Buffalo, and Cornell.

PROF. D. M. HAYNE was guest speaker at the annual dinner of the Public Speaking Association held in Hart House on April 14.

PROF. P. R. LÉON gave a lecture to the Alliance Française at McMaster University on "French Oral Stylistics" on Feb. 16.

In the period from January to May PROF. MICHEL SANOUILLET gave a series of four-teen public lectures on "Guillaume Apollinaire" and graduate seminars on "Sur-realism" at the State University of New York at Buffalo.

On March 11 PROF. CÉCILE CLOUTIER-WOJCIECHOWSKA gave a reading of her

poems at the Festival of Poetry held as a Centennial project at the University of Windsor.

Victoria College

PROF. D. V. WADE participated in "Operation Dialogue" in February at the American Management Association, Ham-ilton, N.Y.

PROF. NORTHROP FRYE visited the University of Illinois from March 3 to 6, holding several symposiums and informal meetings both with an NDA group of teachers and with the Department of Eng-lish of the University.

PROF. K. O. KEE gave a talk on "Sir Walter Scott as Editor of the Middle English Romance *Sir Tristrem*" to the Sir Walter Scott Club on March 30.

PROF. J. M. ROBSON, who is now president of the International Forum Foundation, recently took part in a conference on Group Editing Projects at York University.

PROF. D. BRETT-EVANS is teaching a graduate summer course at the University of Indiana and PROF. C. N. GENNO an undergraduate summer course at the Uni-versity of British Columbia.

Trinity College

The Provost gave a public lecture and conducted a seminar for Philosophy students at the University of Alberta during the week of Feb. 20. On March 7 he gave a public lecture at Mount Carmel College in Niagara Falls. From April 9 to 16 he attended a conference on Church Union in Bossy, Switzer-land, representing the Anglican Church of Canada and the United Church of Canada.

PROF. MALCOLM ROSS has been elected an Honorary Fellow of Canterbury College, University of Windsor.

PROF. J. W. COLE delivered an address to the Classics teachers of Scarborough on the subject "The Future of Latin at the Universities" on Feb. 8. During Easter Week he gave the luncheon address to the Classics Division of the Ontario Educational Association under the title "To Hell with Herodotus and Thucydides".

PROF. WILLIAM S. ROGERS gave a lecture on Jan. 26 in Richmond Hill to teachers and senior students from collegiates in Woodbridge, Thornhill and Richmond Hill, on the subject: "Molière et le Médecin malgré lui".

THE REV. PROF. EUGENE R. FAIRWEATHER led a conference on "Theological Education and Spirituality" for faculty members of

three theological seminaries in the Philadelphia area at the Episcopal Conference Center, Radnor, Pa., on Feb. 10-11.

PROF. GEORGE G. FALLE was the College and University delegate at the Swift Tercentenary Symposium in Dublin, Ireland, on April 25-29.

PROF. G. M. A. GRUBE delivered the Semple Lecture in Classical Literature at the University of Cincinnati in April.

PROF. DESMOND J. CONACHER gave a lecture on "Euripides" last November to the Queen's University Classical Club.

St. Michael's College

SISTER CORINNE led a discussion, on Feb. 24, at a meeting of the Ottawa section of the Ontario Secondary School Teachers' Federation on the question: "L'enseignement du français secondaire prépare-t-il adéquatement l'élève pour l'université?"

PROF. W. B. DUNPHY addressed a joint meeting of the faculty and administration at the University of Dayton, Feb. 15 on "Freedom and Authority on a Catholic Campus".

PROF. H. B. HINGERT attended a symposium on "The Methodological Heritage of Newton" at the University of Western Ontario, March 30-April 1. Prof. Hingert gave two lectures at St. John's University, Brooklyn, N.Y. on April 22 and 24: "On Kinds of Metaphysical Nonsense" and "Mathematical Logic and Doing Philosophy".

PROF. C. W. LELAND, PROF. F. T. FLAHIFF and REV. R. J. FINK attended the North Central Conference of the Renaissance Society of America at Oberlin College, April 29-30.

PROF. H. M. McLuhan received a citation at Niagara University, Niagara Falls, N.Y. on Feb. 22.

PROF. R. J. SCHOECK lectured on "The Yale Edition of the Complete Works of St. Thomas More" at the conference on "Contemporary Scholarship: Group Projects and Their Organization" at York University on March 4. Father Schoeck was elected a Fellow of the Royal Society of Canada. He has been awarded a Guggenheim Fellowship for writing a history of the Inns of Court in Tudor England. Some of the research will be done at the Inns of Court in London.

Pontifical Institute of Mediaeval Studies

The Pontifical Institute of Mediaeval Studies was co-host with the Centre for

Medieval Studies of the University of Toronto to the Forty-second Annual Meeting of the Mediaeval Academy of America, April 7-8, 1967. Two of the Institute's professors read papers at the Academy meeting: LAURENCE K. SHOOK, "Contemporary Trends in Mediaeval Studies" and EDWARD A. SYNAN, "Peter Br. dlay's Disputed Questions on the Categories". Father Shook, president of the Pontifical Institute, was elected Third Vice-President of the Academy.

PROF. L. K. SHOOK visited Ohio State University on Feb. 13 where he read a paper on "Contemporary Trends in Mediaeval Studies".

PROF. JOSEPH OWENS read a paper to the Philosophical Society of McMaster University on "The Aristotelian Universal", Feb. 6.

PROF. M. M. SHEEHAN visited the University of Windsor on Feb. 15 and 16, lecturing in the Graduate Expansion Series on "Reform in the Medieval Church" and giving seminars on "English Constitutional History" and "Sources of English History".

PROF. E. A. SYNAN participated in an international dialogue between Jews and Christians held at St. John Fisher College, Rochester, Feb. 22.

PROF. A. A. MAURER read a paper on "Modern Atheism" at St. John Fisher College on March 16.

Medicine

The course in Art as Applied to Medicine will earn a degree, rather than a diploma, in future. Graduates of the three-year program will have the degree of B.Sc.A.A.M. for Bachelor of Science in Art as Applied to Medicine. Only five other universities in North America offer such courses. They are Johns Hopkins, University of Illinois, University of Michigan, University of Cincinnati and the Medical College of Georgia.

The Department of Art as Applied to Medicine held Open House on March 27 and 28 to introduce Mr. JORGE PÉREZ VELA, visiting medical illustrator from Mexico City, to members of the Faculty of Medicine, to students of the department and also to students studying art in the various art schools in Toronto who may be interested in Art as Applied to Medicine as a career.

Mr. Vela lectured to the combined Neurological-Neurosurgical Post Graduates on medical illustration. At the same meeting, a 16 mm movie by DR. T. D. R. BRIANT, on Trans sphenoidal Hypophysectomy was shown. Medical illustrations, some animated, comprised the introduction. Samples

of the original art work prepared by Miss ELIZABETH BLACKSTOCK, assistant director of the AAM Department, were displayed. During the week, Mr. Pérez Vela also held several seminar and demonstration sessions with the students in the AAM Course.

DR. J. S. THOMPSON, Department of Anatomy, and Dr. Margaret Thompson, Department of Pediatrics, gave a seminar sponsored by the Department of Psychology, University of Guelph, on "Behaviour Genetics as Seen by Two Geneticists", on April 19.

DR. G. E. CONNELL gave a seminar in the Faculty of Medicine, Queen's University, on "The Structure of Immunoglobulins" on Feb. 23.

DR. JOHN K. DAVIDSON spoke on "Recent Trends in Diabetes Research" at the annual meeting of the Georgia Diabetes Association in Atlanta on April 30. On May 1 he gave the annual diabetes lecture to the joint meeting of the Medical Association of Georgia, the Georgia Society of Internal Medicine, and the Georgia Diabetes Association on "Diabetes Mellitus: What Is It?"

Law

PROF. J. B. MILNER attended the Tenth Annual Conference of the Organization of Cornell Planners at Cornell University on March 10-11, where he delivered a paper on "Individual Control of Unit Development in Toronto". The conference was on Planning the Future Residential Environment: Current Problems and New Approaches.

DEAN CECIL A. WRIGHT received the honorary degree of Doctor of Laws from Dalhousie University on March 18.

Applied Science and Engineering

PROF. MORRIS WAYMAN attended, as program chairman, a meeting in New York Feb. 19 and 20 to prepare for the Fourth International Pulp Bleaching Conference which will take place in Toronto May 1 to 4. Wide attendance from abroad is anticipated. He subsequently spent two weeks visiting the University of Cambridge and Imperial College, London, as well as industrial chemical engineering research establishments in England. On March 29 Dr. Wayman spoke to the Sudbury section of the Chemical Institute of Canada on "New Knowledge of the Chemistry of Lignin". On April 10, he presented a paper to the Division of Industrial and Engineering Chemistry of the American Chemical Society

on "The Feasibility Concept in the Teaching of Chemical Plant Design" in Miami.

PROF. WAYMAN and PROF. R. L. HUMMEL recently visited Canada's first large-scale heavy water plant, at Glace Bay, owned by the Nova Scotia government. They will be rendering assistance during the start up and early phases of operation of the plant during the summer months.

PROF. R. E. JERVIS was recently elected an Honorary Fellow of the Indian Academy of Forensic Sciences, New Delhi (in recognition of a contribution toward new developments in the field during a sabbatical year in Asia). He addressed the Toronto-Hamilton section of the Society for Applied Spectroscopy, Feb. 28, on "Recent Advances in Nuclear Radioactivation analysis". Prof. Jervis also addressed a joint symposium: "A Composite Picture of China Today" of the Canadian Council of Churches Committee on International Affairs and the (U.S.) National Council of Churches, Toronto, April 5, on the topic: "China As I Saw It".

PROF. W. H. RAPSON has been awarded the 1967 TAPPI Pulp Manufacture Division Medal by the Technical Association of the Pulp and Paper Industry of the United States for his contributions to the science and technology of pulp bleaching. The award is to be presented at the Fourth International Pulp Bleaching Conference in Toronto, May 1-4, 1967.

PROF. S. J. G. BIRD attended the meeting of the Board of Directors of the Association of Photogrammetrists and Photo-Interpreters of Ontario held at the Canadian Institute of Surveying annual meeting on Feb. 10 in Ottawa.

PROFS. F. A. DE LORY, T. C. KENNEY and E. I. ROBINSKY attended a national research seminar at the University of Western Ontario on March 2 and 3 dealing with the topic "Soil Fabric and Related Reformation". Prof. Kenney acted as a panel member for the two sessions concerning Theoretical Aspects and Resign Techniques.

PROF. R. C. GUNN presented a paper at the annual meeting of the Canadian Institute of Surveying, Ottawa, Feb. 8, 9, 10, on "Atmospheric Refractive Index". He also attended the American Congress on Surveying and Mapping as well as the American Society of Photogrammetry Convention, Washington, March 6, 7, and 8.

PROF. J. VLCEK attended the annual meeting of the Canadian Institute of Surveying and presented a paper on "Some Results of an Experimental Study of the Precision of Aerial Photography at the U of T".

PROF. S. J. G. BIRD, MESSRS. R. G. TRESS, I. M. HALE and B. TURNER attended the Second Symposium on Photo-Interpretation held in Ottawa on May 13, 14 and 15.

PROF. M. M. DAVIS attended the Ontario Good Roads Association, Highway Management Seminar April 2-7 at Huntsville.

DR. G. N. J. KANI presented a paper entitled "Is it Shear or Bond? The Cause of Diagonal Tension Failure" at the annual convention of the American Concrete Institute on April 16, 1967 in Toronto. Dr. Kani presented the paper "New Approach to Analysis of Shear Strength of Reinforced Concrete Beams" to the ACI-ASCE Joint Committee on Shear and Diagonal Tension on April 3, in Toronto, with a proposal for alteration of the ACI Building Code Requirement for Reinforced Concrete.

DR. T. C. KENNEY has been appointed a General Reporter and Session Chairman for the European Geotechnical Conference to be held in Oslo, Norway in September, 1967. Dr. Kenney has been appointed member of the Soil Mechanics Subcommittee of the Associate Committee on Geotechnical Research of the National Research Council.

PROFS. O. J. MARSHALL and B. J. HAYNES attended the annual meeting of the Canadian Institute of Surveying in Ottawa, Feb. 8-10. Prof. Marshall attended by invitation a meeting on "National Grid Reference System for Geo-Coding" sponsored by the National Advisory Committee on Control Surveys and Mapping on Feb. 6. He was also involved as a member in a meeting of the Editorial Board of *The Canadian Surveyor* on Feb. 7.

PROFS. O. J. MARSHALL, H. L. MACKLIN and B. J. HAYNES attended the annual meeting of the Association of Ontario Land Surveyors in Toronto, Feb. 13-15.

PROFS. MARSHALL and R. C. GUNN attended the annual joint meeting of American Congress on Surveying and Mapping, and the American Society of Photogrammetry in Washington, March 6-10.

PROF. C. F. MORRISON has been appointed to the Advisory Committee for the Construction Safety Association of Ontario.

PROF. J. VLCEK attended the 1967 Convention of the American Society of Photogrammetry in Washington March 5-9 and presented a paper entitled "A Comparison Study of Analytically Reconstructed Models from Repeated Photography of a Test Field".

PROF. K. BALMAIN attended the Second Forum on Electromagnetics and Antennas

at the University of Illinois, Feb. 1 to 3. He presented an invited paper entitled "Antenna Impedance Measurements in Laboratory Plasmas".

PROF. W. JANISCHEWSKYJ visited, on March 22, NRC, Ottawa to attend subcommittee on TC 42 of the Canadian National Committee of the International Electrotechnical Commission.

PROF. H. D. EINHORN addressed the Toronto Branch of the Illuminating Engineering Society April 3 on "Long Linear Light Sources".

PROF. E. S. LEE addressed the Mathematics Section of the District 21st Meeting of the Ontario Secondary Schools Teachers Confederation in Midland Feb. 3 on "Computer Education in the High Schools".

PROF. S. D. T. ROBERTSON presented a talk on "Gating and Commutation Techniques in Thyristor Invertors" to the Kingston Branch of IEEE, in February.

P. RYFF was the winner of the Student Paper Competition for 1966 in the Canadian Region of the Institute of Electrical and Electronics Engineers. His paper placed 2nd in the National Student Paper Competition.

PROF. G. SINCLAIR attended the DRB Symposium on Solid State Physics in Ottawa, Feb. 10-11. He is chairman of the DRB Committee which organized the symposium. He also attended a meeting of an IEEE Ad Hoc Committee in New York on Feb. 15, which is studying the problems of continuing education.

PROF. G. R. SLEMON attended the International Conference on Magnetics, Washington, April 5-7. He also attended the administrative committee meeting of the Magnetics Group of the Institute of Electrical and Electronics Engineers, on April 4. Prof. Slemon also attended the meeting of the Canadian Electrical Association, Winnipeg, March 20-22. On March 8, he visited the Electrical Engineering Department, McMaster University, and presented a seminar entitled "Ferromagnetization—some Physical and Analytical Models".

PROF. K. C. SMITH and A. Puust presented a paper to the Digital Equipment Computer Users' Society, Canadian Symposium, April 7, Ottawa, on "Variations on a Single Instruction Computer".

PROF. H. W. SMITH participated in a seminar on Process Control, held by the Toronto Chemical Engineering Section, Chemical Institute of Canada, on Feb. 13 and spoke on "University Research in Control Design". He took part in panel discussions.

PROF. V. G. SMITH attended the meeting of Common, the IBM small Machine Users' Group in Boston, March 20-22.

DR. ARTHUR PORTER addressed the meeting of the Canadian Operational Research Society on Feb. 13. He visited the University of Calgary during their "Second Century Week" and delivered an address on "Reflections on the Man-Machine Society" on March 7. During his visit, Dr. Porter spoke to the Faculty of Engineering dinner on "The Engineer in an Academic Environment". He spoke on "Colleges and Universities—A Guide for Industry" during the Annual Seminar held by the Management Technology Association of Mohawk College of Applied Arts and Technology at Hamilton on March 23. Dr. Porter participated in a panel discussion of "The Changing Concepts in Higher Education" at the Association of College Unions—International Conference in Philadelphia on April 10. The title of his contribution to the discussion was "Environments and Anti-Environments".

PROF. P. J. FOLEY attended the meeting of the Advisory Group on Human Factors to the NATO Science Council, as Canadian member of the Advisory Group, in Paris, from Feb. 20 to 21.

DR. L. E. JONES gave his illustrated Centennial Address, "Canadian Engineering—a Century of Achievement" to the Administrative Conference of the Great Lakes Region, American Society of Mechanical Engineers, in Toronto on April 24, and to the annual meeting of the Hamilton Chapter of the Ontario Association of Professional Engineers on May 18. These presentations were given in 1867 costume.

DR. J. F. KEFFER presented a paper titled "The Effect of Shear Flows on the Distribution of Stratified Contaminants" to the 4th Euromech Colloquium on the Structure of Turbulence held at Southampton, March 29-31. He also gave a lecture on the same topic to the Institute de Mechanique Statistique de la Turbulence, University d'Aix-Marseille, on April 6.

PROF. B. RAMASWAMI presented a paper on "The Portevin-LeChatelier Effect in Aluminium-Magnesium Alloy Single Crystals" at the University of Waterloo, April 5.

PROF. H. U. ROSS presented a paper at the American Institute of Mining, Metallurgical and Petroleum Engineers annual meeting in Los Angeles, Feb. 20.

PROFS. S. N. FLENGAS and J. M. TOGURI presented papers at the Institute of Mining and Metallurgy Symposium on Advances in

Extractive Metallurgy, London, England, and at the Institute of Inorganic Chemistry, Trondheim, Norway, April 11 to 26.

PROF. W. C. WINEGARD is presenting a paper on "Theory of Solidification" at the ASM Regional Conference, Montreal, May 24.

Food Sciences

DEAN B. A. MCLAREN has returned from a three-month leave, during which she participated in a regional housing project, including nutrition education, under the auspices of the Department of Northern Development and Indian Affairs. Dr. McLaren lived in an Eskimo community located at Frobisher Bay, North West Territories.

DR. E. M. UPTON attended the Fourth Conference of College and University Faculties of Institution Management held at the University of Chicago from March 16-18.

Education

D. W. ALEXANDER has been elected secretary-treasurer of the Ontario Association of Teachers of Mathematics.

PROF. JANET ARMSTRONG conducted a Gymnastics Clinic at Althouse College of Education in London on Feb. 28 for women physical educators from Western Ontario. On March 11, Mrs. Armstrong participated with a panel of medical doctors in Pine Grove to discuss sex education, with a large group of teen-age girls and their parents.

PROF. J. W. DODD recently addressed the Shakespeare Society of Toronto on "Instant Theatre", and the Collegeview Heights Education Association on "Poetry and Drama in the Classroom". Prof. Dodd has been appointed chairman of the Theatre Education Division of the Ontario Theatre Study, chairman of the Crest Theatre Hour Company for a second term and a member of the Creative Arts Committee of the Ontario Institute for Studies in Education. He is a delegate to the American Association of Student Teaching Convention at Stetson University, Florida, April 18 to 22, a delegate to the Queen's University Theatre Conference, May 11, 12, 13 and a member of the Interprovincial Theatre Conference at Expo '67. In July he will attend the symposium on Micro Teaching at Stanford University, California. Prof. Dodd is chairman of the Board of Directors of the Faculty Club of the University of Toronto for 1966-67.

R. I. GREENE delivered a series of 24 lectures in Adult Christian Education to

degree students of the Toronto Bible College enrolled in the Bachelor of Theology and Bachelor of Religious Education programs. The series, commencing Jan. 4, consisted of three phases: The Characteristics and Needs of Adults, The Church's Program for Adults, and The Christian Family.

DR. J. W. GREIG has been appointed to the Ontario Secondary Education Commission (O.S.S.T.F.) and to the Investigators of School Organization (The Centre for the Study of Instruction, National Education Association). He took part on a panel dealing with topic of the non-graded high school on the occasion of the recent annual meeting of the Toronto Secondary School Vice-Principals Association. Prof. Greig attended the annual meeting of the American Association of School Administrators (Atlantic City) and the American Education Research Association (New York).

PROFS. J. W. GREIG, A. S. NEASE, and J. M. PATON were in Washington on April 7 to inquire into the operation of the *Journal of Teacher Education* published by the NCTEPS division of the National Education Association and to discuss its editorial policies with the editor.

DR. K. O. MAY spoke at the New Orleans National Council of Teachers of Mathematics on March 3-4 on "Art and Math". He also made the following addresses: March 16 to the Toronto Mathematics Council, "Set Concept"; March 21-23 at Park College, Parkville, Missouri, on "History of Math"; March 28 at the Ontario Association of Teachers of Mathematics, "Linear Algebras"; and on March 29 at a meeting of the Toronto Section of the Canadian Society for the History and Philosophy of Science on Growth and Quality of the Mathematical Literature. The following visits have been and will be made as a visiting lecturer of the Mathematical Association of America: April 19, Monroe Community College, Rochester; April 25, Rosary Hill College, Buffalo; April 26, Canisius College, Buffalo; April 27, State University College, Buffalo; May 1 and 2, Elizabethtown College, Elizabethtown; May 3, Vassar College, Poughkeepsie. He will be in New York City on May 5 and 6 for a meeting of the Governors of the Institute of Current World Affairs of which he is chairman of the board. During July and August Dr. May will be visiting professor of Mathematics at the University of California at Berkeley.

PROF. A. S. NEASE attended the meetings

of the American Association of School Administrators in Atlantic City on Feb. 13-15, and of the American Educational Research Association in New York on Feb. 16-17.

PROF. J. H. PASSMORE recently completed a tour of universities in Western Canada and addressed the staff and students on "Trends and Developments in Physical Education in Canada". He also attended the annual conference of the American Association for Health, Physical Education and Recreation at Las Vegas, Nevada.

PROF. MARGARET SCOTT addressed the teacher-librarian group at the Etobicoke Elementary School Teachers' Professional Day, April 17. The topic of the address was "Equipping the Library Resource Centre: Non-Print Materials and Equipment Necessary for Their Use".

PROF. W. B. S. TRIMBLE gave twelve lectures on Macro-Economics at the University of Manitoba on April 24-28, to a class of provincial civil servants.

Tests have just been completed on the new thirty-six-position language laboratory recently installed in the Modern Languages complex. Of prototype design, it is the result of two years of investigation into the specific requirements of teachers-in-training. Its completion has made possible a special Saturday course for area teachers now being given by the College in conjunction with the Department of Italian and Hispanic Studies of the Faculty of Arts and Science.

Library Science

PROFS. KATHARINE BALL, MARGARET COCKSHUTT, and BRIAN LAND presided at sessions of the colloquium on the Anglo-American Cataloging Rules sponsored by the School on March 31 and April 1. About 500 persons attended the meetings held in the auditorium of the College of Education.

PROF. OLGA BISHOP attended meetings of the Inter-Library Association Liaison Committee of the Canadian Library Association which were held in Winnipeg, March 17-18. She moderated a panel discussion of the Toronto Chapter, Special Libraries Association, March 16, on the "Use of Libraries from the User Viewpoint". Prof. Bishop was appointed chairman of the Research and Special Libraries Section, Canadian Library Association, on March 1.

PROF. WILLIAM KURMEY attended a conference on Information Retrieval in the Visual Arts, March 9-12, at Val Morin, Quebec. The conference was arranged by the Society for Art Publications as part of a

feasibility study for the Canada Council.

PROF. GURDIAL PANNU attended a meeting of the Ontario Resources and Technical Services Group held at the Education Centre, Toronto, on Feb. 28.

Music

DR. ARNOLD WALTER presided over two conferences held at the Edward Johnson Building, April 1-8: Fifth General Assembly of the Inter-American Music Council, and the annual meeting of the Canadian Music Council, of which he is president. Delegates from eighteen countries in the Western Hemisphere attended. PROF. EZRA SCHABAS spoke on "Music in Canadian Universities" and PROF. MIECZYSLAW KOLINSKI lectured on "The Tonal Structure of Canadian Eskimo and Indian Music". The delegates also attended a session at the Faculty's Electronic Music Studio under the direction of PROF. GUSTAV CIAMAGA. Dr. Walter was elected vice-president of CIDEM (Inter-American Music Council). The Canadian Music Council devoted this year's meeting to Music and Media. Dr. Walter gave the keynote speech. DR. CARLTON WILLIAMS was a panellist on the ETV and Music session and Prof. Schabas was the summary speaker.

PROFS. WARD COLE and EZRA SCHABAS led student groups at the biennial meeting of the Canadian Music Educators Association on March 28 and 30 in London. Prof. Schabas spoke on "Goals in Music Teaching" for the Toronto Secondary School Music Teachers Association on March 4.

PROF. JOHN BECKWITH's *Sharon Fragments* was given its first performance by the Waterloo Lutheran University chorus (which commissioned it) on Feb. 27. The Eight-minute unaccompanied composition, based on writings of David Willson, leader of the 19th-century "Children of Peace" sect at Sharon, Ont. has just been published by the Waterloo Music Co. Prof. Beckwith's *Suite on Old Tunes* (for young pianists) and his *Four Songs from Jonson's Volpone* (for guitar and voice) have been published by BMI Canada Ltd.

PROF. GUSTAV CIAMAGA's electronic composition, *Two part invention, no. 3*, received its first public performance in Toronto and Montreal during the week of March 5.

During the past year, the Electronic Music Studio of this university has developed with the assistance of the National Research Council, specialized equipment for electronic music. This apparatus, the

Serial Sound Structure Generator, is currently being displayed at Expo '67.

ROBERT AITKEN gave the premiere of the *Concertante for Flute and Piano* by PROF. TALIVALDIS KENINS at Queen's University on Feb. 9 as part of the "Canadiana Seminar". He recorded the new composition for the CBC on Feb. 24, assisted by pianist Marion Ross.

Dentistry

DR. D. W. STONEMAN has been appointed chairman of the Department of Radiology in the Faculty of Dentistry, University of Western Ontario. He assumes this appointment on July 1.

DR. J. D. PURVES was elected president of the Royal College of Dental Surgeons of Ontario at the spring meeting of the Board.

DR. M. A. LISTGARTEN was the guest lecturer at the University of Western Ontario, London, on April 10.

DR. R. M. GRAINGER visited Puerto Rico on April 10 and 11 to review a proposed cleft palate program for the National Institutes of Health.

At the inaugural meeting of the Association of Canadian Faculties of Dentistry held recently, Dr. A. T. Storey was elected to the office of secretary-treasurer.

DR. M. GOLDNER has been awarded a Dental Research Associateship; and DR. R. C. BURGESS a Dental Research Scholarship by the National Research Council.

DR. H. M. WORTH of Vancouver has been a special visiting lecturer in the Faculty during the past month. Dr. Worth is internationally known as a lecturer, and for his classic textbook entitled: *Principles and Practice of Oral Radiologic Interpretation*.

During the period May 14-17, inclusive, the joint Centennial Convention of the Canadian Dental Association and the Ontario Dental Association will be held at the Royal York Hotel. DEAN ELLIS is the convention chairman.

DR. R. L. TWIBLE attended the Carl O. Boucher Prosthodontic Conference at Ohio State University, Columbus, April 12-14.

The Faculty staff will honour DR. K. J. PAYNTER, dean-elect of the Faculty of Dentistry, University of Saskatchewan, at a dinner to be held on May 3.

The annual dinner given by the staff in honour of the graduating classes in Dentistry and Dental Hygiene, will be held in the Great Hall of Hart House, on May 25. The guest speaker on this occasion will be DEAN JAMES M. GILLIES, vice-president, York University.

Social Work

PROF. D. BELLAMY was appointed to the Ontario Welfare Council Committee to Examine Recommendations of the Ontario Select Committee on Aging.

DR. C. E. HENDRY was consultant at the University of the West Indies, Kingston, for five days during the first week in March. While there he lectured in the Departments of Sociology and Social and Preventive Medicine, and in a special training program for social welfare workers drawn from all parts of the Caribbean. On March 20 he attended a meeting (following appointment) of the Advisory Committee on the Community Organization Curriculum Development Project of the Council on Social Work Education, New York City; and a meeting of the Board of Directors of the Council on March 30-31.

MISS W. HERINGTON was appointed a member of a delegation representing the Ontario Association of Psychiatric Social Workers in presentation of the profession's brief to the Ontario Government's Commission on the Healing Arts.

DR. R. E. JOHNS conducted the First National Seminar on Management Development held at L'Estere, Quebec, March 5-11.

N. MARKUS served on the faculty of the First National Seminar on Management Development for administration in social welfare. Approximately 70 administrators from social welfare agencies, public and private, participated. All provinces but P.E.I. were represented. Mr. Markus was appointed to the newly formed Commission on the Aged of the United Jewish Welfare Fund.

DR. ALBERT ROSE attended a Housing Conference sponsored by the University of British Columbia in Vancouver, March 8-10, and presented two papers: "Common Human Housing Needs" and "People and Public Housing Policy".

DR. B. Z. SHAPIRO was appointed a member of the Commission on Services for Children and Youth of the Community Study being conducted by the Social Planning Committee of the United Jewish Welfare Fund.

DR. T. GRYGIER addressed a meeting sponsored by the Anglican Diocesan Corrections Committee, Diocese of Toronto, on the problems of halfway houses, their value to the community, and their assessment by scientific procedures, on Feb. 15.

DR. C. E. HENDRY chaired the Plenary Session at the Biennial Conference of United

Community Funds and Councils of Canada, Quebec City, Feb. 8, and addressed the annual meeting of Homemakers Association, Hamilton, Feb. 23.

MISS N. LANG is conducting a session in the leadership training course sponsored jointly by the Weston Y.W.C.A. and the Community Programs Branch.

DR. B. LAPPIN is acting as consultant to the Social Planning Council of Hamilton in connection with a pilot project undertaken in Burlington to establish a Referral Centre and to make a study of patterns of uses of services by clients in Wentworth County.

PROF. JOHN S. MORGAN has been appointed dean of the University of Pennsylvania School of Social Work, effective July 1.

Nursing

MISS JEAN WILSON attended the Conference on Implementation of the Nursing Assistant Curriculum, sponsored by the Mental Health Division, Ontario Department of Health, Feb. 6 to 10, and spoke on the subject "Assessment and Use of Clinical Areas for Teaching".

MRS. D. CHATIKANOND, Associate Director, School of Nursing, University of Medical Sciences, Bangkok, Thailand, visited the School from Feb. 13 to March 3. Mrs. Chatikanond's main interest was Nursing Education which she intends to apply to Thailand upon her return.

On March 21, PROFS. CARPENTER, ALLEMANG, and DUNCANSON discussed with the Committee on the Healing Arts a Brief submitted to the Committee by the School. Mrs. Duncanson, President of the College of Nursing, appeared before the Committee to discuss the Brief submitted by the College.

PROFS. CARPENTER and TURNER attended the first National Conference on Maternal and Child Health, March 19 to 22, a conference sponsored by the Department of National Health and Welfare. Prof. Carpenter had been invited to participate in one of the sessions.

Prof. Carpenter also attended the Canadian Public Health Association Annual Meeting, which was held in Ottawa, April 24 to 27.

Hygiene

The School of Hygiene will be offering three Summer School courses again this year. They will cover: Recent Advances in Health Services Administration; Recent Advances in Infectious Diseases; and Elec-

tron Microscopy with Particular Reference to Microbiology. Between thirty and forty graduates are expected to register for these courses.

DR. A. J. RHODES has been appointed a member of the Special Assessment Group in Microbiology of the Medical Research Council. In this capacity he has visited Departments of Microbiology in universities in Toronto, Guelph, London, Vancouver, Edmonton, Saskatoon, Winnipeg, and Montreal.

DR. W. H. LE RICHE delivered a paper entitled "World Incidence and Prevalence of the Major Communicable Diseases" at the Ciba Foundation (100th) Symposium on "The Health of Mankind", held in London, England, March 8-10.

On Feb. 17 the Department of Hospital Administration held a one-hour long-distance telephone seminar with Ann Arbor, Michigan, conducted by DR. VERGIL N. SLEE, director of the Commission on Professional and Hospital Activities. This experiment, introducing a new educational method, made it possible for the students in the graduate course in Hospital Administration to hear a presentation by Dr. Slee and to participate in a discussion with him and his associates by long-distance telephone.

In early March, DR. R. J. SHEPARD attended and participated in the meetings of the American College of Sportsmedicine, and the American Association of Physical Health, Education and Recreation in Las Vegas. Later in the month, he attended and participated in the annual meeting of the British Physiological Society in London, England.

Business

PROF. CRISPO spent two days in Winnipeg in January addressing meetings and seminars sponsored by the Department of Economics at the University of Manitoba, the Manitoba Economic Consultative Board under Winnipeg Personnel Association. He gave the annual meeting of the Canadian Construction Association a progress report on the C.C.A. Centennial Labour Relations Inquiry, the research for which he is directing. Prof. Crispo addressed an educational conference of the Lithographers and Photoengravers International Union in Chicago on Feb. 1 on "Technological Change and Collective Bargaining". He also attended the Toronto Construction Association's Centennial Banquet, where he received the first cheque for an annual scholarship which the Toronto Construction Association is making available

to the Centre for Industrial Relations, for a student interested in the labour relations problems of the construction industry.

PROF. M. R. HECHT spoke at the quarterly meeting of the Insurance Institute of Ontario on "Management Knowhow and Management Knownby" on March 1.

PROF. J. A. SAWYER attended a National Bureau of Economic Research Conference on Research in Income and Wealth at the University of Pennsylvania, March 24-25. The topic of the conference was "The Size of Distribution of Income and Wealth".

Connaught Medical Research Laboratories

DR. J. K. W. FERGUSON, DR. R. J. WILSON, and DR. J. M. CORKILL were invited to attend a symposium on Combined Antigens, sponsored by the International Association of Microbiological Societies, held in Marburg, Germany, March 29-31. Dr. Corkill spoke on "Stability of Components of DPT Polio and DPT Polio-Measles Vaccines". Dr. Wilson gave a paper entitled "Simultaneous Production of Antibodies in Humans to Components of Combined Vaccines".

Bio-Medical Electronics

PROF. N. F. MOODY was the guest speaker at the annual general meeting of the Engineering Institute of Canada Professional Development Program on March 13, and discussed "Biomedical Electronics—and its lighter side".

PROF. E. LLEWELLYN THOMAS is a member of the Medical Research Council team surveying and assessing bioengineering research and training facilities in Canadian universities and affiliated institutions. The team has so far visited most Canadian universities and several major hospitals. Under the auspices of the National Research Council Speaking Tours Program, Dr. Llewellyn Thomas visited Acadia University and Dalhousie on Feb. 14 and 15 and spoke on both occasions on "Applied Biophysics and Engineering".

Child Study

DR. MICHAEL F. GRAPKO addressed the annual meeting of the Canadian Mental Health Association, Peterborough Branch, on Feb. 23 on the topic "Emotional Development in the School-age Child".

MISS DOROTHY MEDHURST was guest speaker at a conference of Federal school teachers from the Hudson Bay area, held in Moosonee, on March 6 and 7. Her topic

was "Learning Through Experience: Adapting the Curriculum to the Environment".

PROF. JOHN MCINNIS spoke to the Burlington Teachers' Association on March 3 on the subject "Language Arts".

PROF. GRAPKO and MRS. ADA SCHERMANN attended the Biennial Meetings of the Society for Research in Child Development held in New York, March 29 to April 1.

PROF. M. SHEILA O'CONNELL attended the 75th Anniversary Conference of the Association for Childhood Education International in Washington, March 26 to 30.

Computer Science

PROF. C. C. GOTLIEB, as a visiting lecturer on the ACM Lectureship Program delivered the following lectures: "Key Transformations" to the Dallas Chapter of the ACM on Feb. 27, and to the Tulsa Chapter on Feb. 28. He spoke on "Data Structures" to the Department of Computing Science of the University of Alberta, Edmonton, on March 1. As a visiting scientist on the ACM Scientists Program he addressed the Department of Mathematics of the Lakehead University, Port Arthur, on "Algebraic Manipulation" and on "Computers for Research and Teaching" on March 3. On March 27 Prof. Gotlieb addressed the Niagara Chapter of the Administrative Management Society on "Personnel for Computers — Responsibility and Qualifications".

PROF. R. L. JOHNSTON participated in a conference on Gerschgorin and Lyapunov Methods at Argonne National Laboratory, Argonne, Ill. (March 30-31) and gave a paper entitled "Generalized Gerschgorin Theorems for Eigenvalues".

A. PUUST, Ph.D. student presented a paper "Variations on a Single Instruction Computer" by A. Puust and PROF. K. C. SMITH, at the Digital Equipment Computer Users Society Canadian Symposium in Ottawa on April 7.

Criminology

PROF. J. LL. J. EDWARDS has been elected to an Overseas Fellowship at Churchill College, Cambridge, and will be on leave of absence from mid-August 1967 to mid-August 1968.

PETER MACNAUGHTON-SMITH took part in a panel discussion on the subject "The Strategy of Research in Criminology" during the Fifth Research Conference on Delinquency and Criminology in Montreal on March 31 and April 1.

Great Lakes Institute

The Tenth Conference on Great Lakes Research was held at the University of Toronto, April 10-12. There were three hundred and sixty delegates present with about two-thirds of this number coming from across Canada and the remainder from the United States. A hundred papers were presented in four concurrent sessions under the headings, Botany — Zoology, Economics, Geology — Geophysics, Hydrology — Ice Studies, Lake Meteorology, Physical Limnology and Pollution, and were chaired by R. R. LANGFORD, H. H. HARVEY, C. SPARLING, J. A. PAGE, D. R. CAMPBELL, G. F. WEST, D. V. ANDERSON and P. H. JONES all of the University of Toronto; C. F. M. LEWIS, Geological Survey of Canada; J. P. BRUCE, T. L. RICHARDS, R. E. MUNN of the Meteorological Service of Canada; G. T. CSANADY, University of Waterloo, and J. H. NEIL of the Ontario Water Resources Commission. DR. A. D. MISENER was the general chairman of the conference. The welcome address was by DEAN SIRLUCK. There were two general sessions on April 12 and the speakers were T. L. RICHARDS, Meteorological Service of Canada, and A. E. BERRY, Conservation Council of Ontario, their subjects being "International Field Year on the Great Lakes" and "Water Quality Standards" respectively.

On April 10 at a business meeting the International Association for Great Lakes Research was inaugurated with D. C. CHANDLER of University of Michigan being installed as chairman and A. D. MISENER becoming vice-chairman.

The University of Toronto hosted a reception in the Great Hall, Hart House for all conference delegates and wives. At the annual dinner the HON. JEAN-LUC PEPIN, P.C., M.P., Minister of Energy, Mines and Resources was the speaker. DR. G. B. LANGFORD, on behalf of the Great Lakes Institute, thanked him.

Medieval Studies

PROF. JOHN LEYERLE gave a memorial lecture for Professor Norman Garmonsway, "The Interlace Structure of *Beowulf*" on March 30 in West Hall, University College.

NICHOLAS UDALL's *Rafe Royster Doyster* was presented by the *Poculi Ludique Societas* on March 30, 31, and April 6 and 7 in Seeley Hall, Trinity College, for the Mediaeval Academy of America. It was dedicated to the memory of Prof. Garmonsway.

Russian and East European Studies

On March 29 PROF. GORDON SKILLING attended as an observer, the conference of the Inter-University Committee on Travel Grants, for discussions of their exchange program with the USSR, in Washington, D.C. He also attended the American Association for the Advancement of Slavic Studies conference on April 1. Prof. Skilling will spend the month of May as a guest of the University of London, under the Commonwealth Universities Exchange Scheme. He will spend the summer in Czechoslovakia, Poland and East Germany under a Canada Council grant.

Royal Ontario Museum

MISSSES A. CHRYSLER, M. CUMMING, P. ISETTA, and MRS H. TRACY completed the school visiting program which took them to elementary schools in Thunder Bay district and Renfrew county. They used Museum objects to illustrate 196 lessons given to 9,987 pupils.

DR. HENRY C. KING toured planetariums and observatories in southern California, March 9-29, and was invited to lecture to students and staff at San Francisco State College. On April 5, Dr. King addressed the Rochester Museums' Association on "Changing Concepts in Astronomy".

DR. J. A. MANDARINO spoke to a Department of Geology seminar at the University of Waterloo, March 6. He attended a meeting of the Mineralogy Association of Canada executive committee in Ottawa, March 29.

DR. V. B. MEEN spoke on "The Crown Jewels of Iran" to the Bancroft Mineral Society, May 8, and to the New York Mineralogical Club, Inc. May 11.

DR. E. S. ROGERS attended meetings at Moosonee, Feb. 6-9, on behalf of the Ontario Department of Lands and Forests, to discuss research in the James Bay area. He visited museums in New York and Washington, Feb. 19-26, in connection with designs for new Ethnology galleries at the ROM. On March 6, Dr. Rogers spoke at Kenora on "The Culture and History of the Ojibwa Indians" as part of a federal Department of Citizen and Immigration course. March 31-April 2, he attended the seventh annual meeting of the Northeastern Anthropological Association at McGill University.

DR. W. B. SCOTT and DR. E. J. CROSSMAN attended the 1967 Northeast Fish and Wildlife Conference in Quebec, Feb. 12-15, and Dr. Scott was chairman of a Freshwater

session. Dr. Crossman, in addition, attended an executive meeting of the Canadian Society of Wildlife and Fishery biologists.

PETER C. SWANN gave a lecture at the Freer Gallery, Washington, D.C., on "Chin Nung and the Eccentric Idea", March 14. On April 24-25, Mr. Swann took part in a symposium at the University of Saskatchewan, Regina, on Canadian Communications Research and Teaching.

DR. WALTER M. TOVELL spoke to geography students at Bramalea secondary school Feb. 9 on "Two and One-half Billion Years of History". On March 3, he gave a lecture tour of the ROM Geology Gallery to the advance Mineral Exploration class, sponsored by the Ontario Department of Mines. Dr. Tovell chaired a symposium on "Current Developments in Geological Education", March 6, in connection with the 35th annual convention of the Prospectors' and Developers' Association in Toronto.

MR. HENRY TRUBNER will be in Montreal, April 18-21, to supervise installation of the Far Eastern Section of the Expo '67 art exhibition. Included in the exhibition is a large Liao Dynasty marble statue of a standing monk from the ROM Far Eastern collection.

DR. A. D. TUSHINGHAM spent a week in Washington, D.C. in January attending council meetings of the American Association of Museums. While there, he did research at the Library of Congress for the ROM crown jewels of Iran project. In February, Dr. Tushingham continued this research in Iran and returned to Canada by way of Moscow and Leningrad where he studied material, much of it unpublished, in the Armoury of the Kremlin and the Hermitage Museum.

The Press

MARSH JEANNERET has been appointed to the Committee on Religious Education in the Public Schools for the Province of Ontario.

The following have been published by the Press since the last issue of the *Bulletin*: *The Snakes of Ontario*. By E. B. S. Logier. (Canadian University Paperbooks No. 64.) \$2.25

Quiet Evolution: A Study of the Educational System of Ontario. By Robin S. Harris. (Cloth and Canadian University Paperback edition No. 62.) \$7.50, \$2.50 paper

A Bibliography of Electronic Music. By Lowell M. Cross. \$5.00

Some Aspects of Education in Denmark. By Ole B. Thomsen. (Peter Sandiford Memorial Lectures No. 1.) \$3.50

CPSA 1964 Conference on Statistics. Edited by Sylvia Ostry and T. K. Rymes. \$6.00

Annals of Printing: A Chronological Encyclopaedia. By W. Turner Berry and H. Edmund Poole. \$14.00

Love and Work Enough: The Life of Anna Jameson. By Clara Thomas. (Department of English Studies and Texts, No. 14.) \$6.50

New Designs for Learning: Highlights of the Reports of the Ontario Curriculum Institute, 1963-1966. Edited by Brian Burnham. \$6.00

The Elizabethan Militia 1558-1638. By Lindsay Boynton. (Studies in Political History.) \$9.00

Schools of the Foothills Province: The

Story of Public Education in Alberta. By John W. Chalmers. \$7.50

In a World I Never Made. By Barbara Wootton. \$7.50

Other Books

Selected Poems. By Earle Birney. McClelland and Stewart, Toronto. xii, 213 pp.

The Creative Writer. By Earle Birney. Canadian Broadcasting Corporation, Toronto. 85 pp.

Poetria Nova of Geoffrey of Vinsauf, translated into English by Margaret F. Nims (Sister St. Francis, IBVM) in Mediaeval Sources in Translation. The Pontifical Institute of Mediaeval Studies, April, 1967.

G. B. Phelan: Selected Papers. A. G. Kirm, ed. Pontifical Institute of Mediaeval Studies. April, 1967.

In Search of Ourselves, an anthology of prose. Malcolm Ross and John Stevens. J. M. Dent & Sons Ltd.

Awards Available to Faculty Members

HELEN HAY WHITNEY FOUNDATION RESEARCH FELLOWSHIP

The Helen Hay Whitney Foundation offers a Fellowship in biological or medical research (preferably relating in some way to connective tissue and its diseases), to any properly qualified person up to the age of 35, holding the degree of M.D., Ph.D. or equivalent. The value is \$6500 per year, with a \$500 annual increment and \$500 for each dependent, with possible renewal up to three years. Applications are available from Helen Hay Whitney Foundation, 22 East 65th Street, New York, N.Y. 10021, and must be submitted by August 15.

SMITH AND NEPHEW FELLOWSHIPS

Smith & Nephew Associated Companies Limited offers six fellowships in Surgery to enable graduates to pursue study or research in the U.K. Candidates should have had at least two years' general clinical experience since registration, and should preferably have held residential hospital appointments in surgery. The value is £1200, plus return fare to the U.K. Applications are available from Fellowships Administrator, Smith &

Nephew Associated Companies Limited, 2 Temple Place, Victoria Embankment, London W.C. 2, and must be submitted by May 31.

LAIDLAW FOUNDATION FELLOWSHIPS

The Laidlaw Foundation offers Research Fellowships in the Social and Behavioural Sciences. The research topics should be related to health and welfare programs or policy. Under certain circumstances, technical assistance grants will be considered. The value is up to \$7500 per year, depending on seniority, period of tenure, other sources of support, etc. Applications are available from Miss M. C. Thomas, Secretary, Laidlaw Foundation, 50 Oak Street, Weston, Telephone 244-1815.

United Kingdom Postgraduate Awards 1967-69 is now available from the Association of Commonwealth Universities, 36 Gordon Square, London W.C.1. It lists fellowships, scholarships, grants, etc., tenable at universities in the U.K. Order forms are available from the Office of Student Awards.